

JAN 03 2006

Practitioner's Docket No.: 1372.382.PRC

*PATENT*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Vijay K. Jain et al.**  
Application No.: **09/864,676**  
Filed: **05/24/2001**

Confirmation No.: **2096**  
Group No.: **2663**  
Examiner: **Duc T. Duong**

For: **Communication System Using Orthogonal Wavelet Division Multiplexing (OWDM) and OWDM-SPREA Spectrum (OWSS) Singaling**

Faxed to (571) 273-8300  
Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


---

STATEMENT  
(37 C.F.R. § 1.137(b))

The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 C.F.R. 1.137(b) was unintentional.

I declare further that all statements made herein of my own knowledge are true; that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or document and any registration resulting therefrom.

Date: January 3, 2006  
Reg. No. 57,422

  
Thomas E. Toner  
Attorney for Applicant

JAN 03 2006

Practitioner's Docket No. 1372.382.PRC

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vijay K. Jain et al. Art Unit: 2663  
Serial No.: 09/864,676 Examiner: Duc T. Duong  
Filing Date: 05/24/2001 Confirmation No.: 2096  
Title: Communication System Using Orthogonal Wavelet Division Multiplexing (OWDM) and  
OWDM-SPREA Spectrum (OWSS) Signaling

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE**  
**(REVOCATION OF PRIOR POWERS)**  
37 C.F.R. § 3.71(b)(1)

As an authorized representative to act on behalf of the assignee for the above identified patent,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

I hereby revoke all powers of attorney previously given and

**NEW POWER OF ATTORNEY**

I hereby appoint the following practitioners to prosecute and transact all business in the Patent and Trademark Office under:

**CUSTOMER NO. 21,901****SEND CORRESPONDENCE TO:**

Smith & Hopen, P.A.  
15950 Bay Vista Drive, Suite 220  
Clearwater, FL 33760  
Customer No.: 21,901

**DIRECT TELEPHONE/EMAIL TO:**

Anton J. Hopen  
anton.hopen@smithhopen.com  
(727) 507-8558

**CERTIFICATE UNDER 37 CFR 3.73(b)**

The University of South Florida (herein "USF") certifies that they are the owner of the entire right, title, and interest in the patent/application identified above by virtue of an assignment to USF dated November 28, 2005 by assignor Clobespan Virate, Inc. (nka Conexant, Inc.) recorded in the United States Patent and Trademark Office at Reel/Frame 016875/0587 on December 9, 2005, a copy of which is attached hereto.


The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

(Power of Attorney and Revocation by Assignee for USSN: 09/864,676 - Page 1 of 2)

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or of any patent issuing thereon.

Date: 12/19/05

  
\_\_\_\_\_  
Valerie L. McDevitt, Esq. - Director  
University of South Florida  
Division of Patents & Licensing

(Power of Attorney and Revocation by Assignee for USSN: 09/864,676 - Page 2 of 2)

RightFax

12/12/05 6:19 PM PAGE 001/004 Fax Server

## Facsimile Transmission

*This company uses RightFAX® fax  
server software from RightFAX, Inc.*

**From:** Name: USPTO ASSIGNMENT DIVISION  
Fax Number:  
Voice Phone: 703-308-9723

**To:** Name: SMITH & HOPEN PA  
Company: 15950 BAY VISTA DRIVE  
Fax Number: 17275078668  
Voice Phone:

### Fax Notes:

---

Pg#	Description
1	Cover Page
2	217.TXT
4	Document 1, Batch 569906

PTAS FAX PROCESSING

---

Date and time of transmission: Monday, December 12, 2005 6:17:48 PM  
Number of pages including this cover sheet: 04

*A RightFAX® Communicated Document*

RightFax

12/12/05 6:19 PM PAGE 0027004 Fax Server

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 12, 2005

PTAS

**\*800022956A\***~~\*800022956A\*~~SMITH & HOPEN PA  
15950 BAY VISTA DRIVE  
SUITE 220  
CLEARWATER, FL 33760UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/09/2005

REEL/FRAME: 016875/0587  
NUMBER OF PAGES: 4BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 1372.382.PRC

## ASSIGNOR:

GLOBESPAN VIRATE, INC. NKA  
CONEXANT, INC.

DOC DATE: 11/28/2005

## ASSIGNEE:

UNIVERSITY OF SOUTH FLORIDA  
4202 EAST FOWLER AVENUE  
ADM 200  
TAMPA, FLORIDA 33620-7900

SERIAL NUMBER: 09864676

FILING DATE: 05/24/2001

PATENT NUMBER:

ISSUE DATE:

TITLE: COMMUNICATION SYSTEM USING ORTHOGONAL WAVELET DIVISION MULTIPLEXING  
(OWDM) AND OWDM-SPREAD SPECTRUM (OWSS) SIGNALING

RightFax

12/12/05 8:19 PM PAGE 004/004 Max Server

## PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

12/09/2005  
800022956

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

## CONVEYING PARTY DATA

Name	Execution Date
Globespan Virate, Inc. nka Conexant, Inc.	2005-11-28

## RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
University of South Florida	4202 East Fowler Avenue	ADM 200	Tampa	FLORIDA	33620-7900

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	09884876

## CORRESPONDENCE DATA

FAX NUMBER: 7275078668

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 021901

NAME OF PERSON SIGNING:

Anton J Hopen

DATE SIGNED:

2005-12-09

Total Attachments: 3

source=assign01.TIF

source=assign02.TIF

source=assign03.TIF

OP \$40.00 09884876